

**In the Claims:**

Please amend claim 2. Please cancel claims 1 and 3-20. The claims are as follows:

1. (Canceled).

2. (Currently amended) ~~The resistor structure of claim 1,~~ A resistor structure, comprising:

an electrically conductive region;

an electrically conductive liner region in direct physical contact with the electrically  
conductive region; and

first and second contact regions electrically coupled to the electrically conductive region  
and the electrically conductive liner region,

wherein the first contact region is in direct physical contact with the electrically  
conductive liner region,

wherein in response to a current flowing in the electrically conductive region and  
from the first contact region to the second contact region, a void region in the electrically  
conductive region expands due to electromigration so as to increase the resistance of the resistor  
structure between the first and second contact regions,

wherein the electrically conductive region is surrounded by the electrically  
conductive liner region, and

wherein both the electrically conductive region and the electrically conductive  
liner region are in direct physical contact with the second contact region.

3-20. (Canceled).

21. (Previously presented) The resistor structure of claim 2, wherein the first contact region is not in direct physical contact with the electrically conductive region.